

AMENDMENTS TO THE CLAIMS

1-7. (Canceled)

8. (Currently Amended) An aspheric lens fabricating method comprising:
designing a desired aspheric surface;
producing a basic lens of an arbitrary shape;
comparing the desired aspheric surface with the basic lens and thus setting a deviation region;
performing ion beam milling for milling the deviation region ~~of the basic lens by ion beam~~ by exposing the deviation region to an ion beam by rotating and inclining the basic lens and by controlling exposure time according to a processing depth of the deviation region; and
processing a shape of the basic lens ~~with~~ by comparison with the desired aspheric ~~shape~~ surface by the ion beam milling and making the basic lens ~~consist~~ consistent with the desired aspheric surface ~~shape, thereby completing.~~

9. (Canceled)

10. (Original) The method of claim 8, wherein the basic lens is an ideal spherical shape than can be massively produced easily.

11. (Original) The method of claim 8, wherein the desired aspheric surface has a parabolic shape.

12. (Original) The method of claim 8, wherein the desired aspheric surface has an elliptical shape.

13. (Currently Amended) The method of claim 8, wherein comparing the basic lens processed by ion beam milling with the desired aspheric surface is performed by a stylus profiling method ~~in the step of completing~~.

14. (Currently Amended) The method of claim 8, wherein comparing the basic lens processed by ion beam milling with the desired aspheric surface is performed by an interferometer ~~in the step of completing~~.

15. (New) The method of claim 8, wherein in the step of performing an ion beam milling, a plurality of the basic lenses are mounted at a specimen mounting unit.

16. (New) The method of claim 15, wherein the specimen mounting unit not only rotates the basic lenses mounted thereto but also inclines the basic lenses.

17. (New) The method of claim 8, wherein the basic lens is formed of a mixture between hereto materials.